

20030607.qrp v02_n944.qrl.20030607

Date: Sat, 7 Jun 2003 19:03:04 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2944

QRP-L Digest 2944

Topics covered in this issue include:

- 1) [151959] Miracle Antenna
by "Laurent C. Lafond" <aa1qj@earthlink.net>
- 2) [151960] Fwd: A Moon Illusion-don't miss this...
by Ed Tanton <n4xy@earthlink.net>
- 3) [151961] f/s vibroplex iambic paddle
by <nf7v@cox.net>
- 4) [151962] Am I wrong in my assumptions?
by Brian Short <bshort4@cox.net>
- 5) [151963] Re: Altoids Breath Strip Tin
by <G0BPS@clara.co.uk>
- 6) [151964] OHR QRP Classic?
by ARDUJENSKI@aol.com
- 7) [151965] Re: [151838] Antenna Analyzers
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 8) [151966] SuSE 8.2
by "Juan Ferrari" <puntrad@usa.net>
- 9) [151967] FS: Varactor Deal
by "Dennis Payton" <dpayton@fwi.com>
- 10) [151968] Re: How long the QRP ARCI has been around
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 11) [151969] Re: CW Selectivity. WAS: 4W3DX and receivers
by Caitlyn Martin <ku4qd@earthlink.net>
- 12) [151970] Re: President Bush orders evaluation of Radio Spectrum
by Larry Cahoon <lejek@erols.com>
- 13) [151971] Re: Zero
by Caitlyn Martin <ku4qd@earthlink.net>
- 14) [151972] Re: Miracle Antenna
by Lee Boulineau <n4mvl@yahoo.com>
- 15) [151973] request for information, possibly OT
by "Harold Smith" <harold.smith1@worldnet.att.net>
- 16) [151974] Re: Altoids Breath Strip Tin
by David Hinerman <WD8CIV@worldnet.att.net>
- 17) [151975] RE: Antenna Analyzers
by "AI2Q" <ai2q@adelphia.net>
- 18) [151976] Addendum to NorCal Keyer Manuals for first kits
by "Doug Hendricks" <ki6ds@dospalos.org>
- 19) [151977] Lightweight AC cords?

- by <genewill@ordata.com>
- 20) [151978] AT-SPRINT: Alternate Mod and kudos
by Monty N5ESE <n5ese@io.com>
 - 21) [151979] Re: Antenna Analyzers
by "George, W5YR" <w5yr@att.net>
 - 22) [151980] Re: Alt Key Plus Chr's
by "Don Ginter" <kc2ck@mail.com>
 - 23) [151981] FD and the lonely CW ops
by Chris Cartwright <ccart@phideaux.com>
 - 24) [151982] Re: Zero
by "Rod N0RC" <rod@n0rc.us>
 - 25) [151983] Re: FS: Varactor Deal
by "Dennis Payton" <dpayton@fwi.com>
 - 26) [151984] WARNING: dangerous post...SUBJECT: moon illusion don't miss...
by "Rex Harper" <w1rex@megalink.net>
 - 27) [151985] Re: Zero
by "carl seyersdahl" <carlseye@tampabay.rr.com>
 - 28) [151986] Re:FD CW, WAS CW Selectivity. WAS: 4W3DX and receivers
by "Nick Kennedy" <nkennedy@tcainternet.com>
 - 29) [151987] Re: Zero
by "Rod N0RC" <rod@n0rc.us>
 - 30) [151988] Re: FD and the lonely CW ops
by Al Scanandoah <k2zn@rochester.rr.com>
 - 31) [151989] Summer Fox Hunt Week #2 : N3BJ and N0IT
by "Dave Sjolin" <sjolin@swbell.net>
 - 32) [151990] Re: request for information, possibly OT
by "Bob Tellefsen" <n6wg@earthlink.net>
 - 33) [151991] Re: CW Selectivity. WAS: 4W3DX and receivers
by "Bob Tellefsen" <n6wg@earthlink.net>
 - 34) [151992] Re: Miracle Antenna
by "James R. Duffey" <JamesDuffey@comcast.net>
 - 35) [151993] Frequency mite shorting pins
by "aberkuta" <aberkuta@shoal.net.au>
 - 36) [151994] Re: Miracle Antenna
by "Michael Moreth" <n9ogc@hotmail.com>
 - 37) [151995] Re: OHR QRP Classic
by "James R. Duffey" <JamesDuffey@comcast.net>
 - 38) [151996] Re: Frequency mite shorting pins
by "Dave Benson" <nn1g@earthlink.net>
 - 39) [151997] Re: SLA Batteries
by "James R. Duffey" <JamesDuffey@comcast.net>
 - 40) [151998] Summer Fox Hunt Week #2 : N3BJ and N0IT
by "Alan Fryer" <N3BJ@hotmail.com>
 - 41) [151999] Re: Miracle Antenna
by "James R. Duffey" <JamesDuffey@comcast.net>
 - 42) [152000] Switch Thanks
by "Tom" <kf4yyd@adelphia.net>
 - 43) [152001] Argosy I (525) Tx amp drain - comp tables?

by <tlogan7@cox.net>
44) [152002] Zero Thanks
by "Tom" <kf4yyd@adelphia.net>
45) [152003] Six Meters
by Joseph Mikuckis <k3chp@rcn.com>
46) [152004]
by "John Burnley" <jburnley@ifmc.org>
47) [152005] Re: Argosy I (525) Tx amp drain - comp tables?
by Al Scanandoah <k2zn@rochester.rr.com>
48) [152006] Re: Six Meters
by Al Scanandoah <k2zn@rochester.rr.com>
49) [152007] Telephone Area Code Contest (TAC) June 7, 2003
by Jim Eshleman <jce0@Lehigh.EDU>
50) [152008] RE: Six Meters
by "Emmerson Bigguns" <n8ie@woh.rr.com>
51) [152009] FYI my 6M setup
by "Emmerson Bigguns" <n8ie@woh.rr.com>
52) [152010] Youngster in the hobby & the learning curve for exams
by "Nils R. Young" <nilsbull@juno.com>
53) [152011] RE: Six Meters
by Garie Halstead <khyberpass65@yahoo.com>
54) [152012] FT-7 mods
by Rick McKee <kc8aon@juno.com>
55) [152013] F.S. K1 with accessories
by "Joe W2KJ" <w2kj@bellsouth.net>
56) [152014] RUFZ CW software
by Bob cutter <ki0g@yahoo.com>
57) [152015] Re: FYI my 6M setup
by Chuck Carpenter <w5usj@9plus.net>
58) [152016] Re: RUFZ CW software
by "Mark Fancher" <mfancher@fuse.net>
59) [152017] Re: Youngster in the hobby & the learning curve for exams
by <G0BPS@clara.co.uk>

Date: Fri, 06 Jun 2003 13:28:11 -0700
From: "Laurent C. Lafond" <aa1qj@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [151959] Miracle Antenna
Message-ID: <3EE0F95B.4060404@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Does anyone have any comments re the Miracle Antenna, either good or bad?

It would appear to me to be the answer to my prayers what with the

relatively
strict HOA that I am in.

Laurent aa1qj

Date: Fri, 06 Jun 2003 16:27:48 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: noga reflector <nogaqrp@mailman.qth.net>,
qrp-L Reflector <qrp-l@lehigh.edu>
Subject: [151960] Fwd: A Moon Illusion-don't miss this...
Message-ID: <5.2.1.1.2.20030606162649.0291a7e8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>X-Mailer: Lyris Web Interface
>Date: Fri, 6 Jun 2003 14:12:02 -0500
>Subject: A Moon Illusion
>To: "NASA Science News" <snglist@snglist.msfc.nasa.gov>
>From: NASA Science News <snglist@snglist.msfc.nasa.gov>
>
>
>
>Space Station Science Picture of the Day for June 6, 2003
>
>Astronauts onboard the ISS have seen some strange moons lately: red moons,
>squashed moons, vanishing moons. Last month science officer Ed Lu
>photographed perhaps the strangest scene of all--the moon floating inside
>Earth's atmosphere.
>
>PICTURE AND INFO at
>
>http://science.nasa.gov/ppod/y2003/06jun_moonset2.htm?list839287
>
>
>This is a free service.
>
>
>Home page: <http://science.nasa.gov>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail

Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Fri, 6 Jun 2003 16:40:30 -0400
From: <nf7v@cox.net>
To: qrp-l@lehigh.edu
Subject: [151961] f/s vibroplex iambic paddle
Message-ID: <20030606204029.XBQT28502.fed1mtao01.cox.net@smtp.west.cox.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have a Vibroplex Standard Iambic Paddle for sale. Very low mileage. List is \$149. If anyone is interested, please make an offer.

PLEASE REPLY DIRECTLY TO ME

Thanks,
Russ NF7V
nf7v@cox.net

Date: Fri, 6 Jun 2003 15:44:05 -0400
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [151962] Am I wrong in my assumptions?
Message-ID: <3B76F9BE-9857-11D7-A3BE-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

Caity,

I hope that neither you nor anyone else will take offense from what I'm about to say. No offense is intended toward anyone in particular.

I don't think that you should feel obligated to join this or any organization purely because it exists. Presently, I belong to NO organizations, QRP or otherwise, except for the ARRL.

Everyone makes their contribution to the amateur radio service (it is a service not a "hobby") in their own way. Certainly, some are involved in establishing organizations or administrating such. Others, like me, are merely a part of the loyal serf-dom.

When I think of QRP, I think of a variety of things - homebrewing, outdoor activities (e.g. backpacking), improvising, etc. I am active in a variety of aspects of amateur radio (too many to mention here) and I don't belong to every organization in other areas. Then there are my interests that fall outside of amateur radio, as such.

There are generally a plethora of clubs or organizations in every aspect of amateur radio. It would seem foolish to belong to every QRP organization, only.

You are right, some of us have an FT-817 and just grab it and go. Others forever tinker with a QRP rig and never actually "use" it other than to test it before starting the next. Some, like me, build kits or take on various projects as a challenge in addition to other interests.

Only you know your interests. Personally, I have no idea if I will join this new organization and I haven't given it much thought.

For \$20 (if I understand correctly) it isn't that much of a risk. On the other hand, if I sent \$20 to every club, organization, or newsletter in every aspect of my interests, it would amount to some serious \$\$\$.

I'm sure you will make the proper decision.

Good Luck, Brian

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> On Wed, 4 Jun 2003 05:34:27 -0700
> "Bill Jones" <kd7s@psnw.com> wrote:
>
>> Let me be among the first to congratulate Doug, George, Jim and Joe on
>> having the vision to create The American QRP Club. I believe the QRP
>> community will benefit and grow as a result. Thank you gentlemen.
>
> I also would like to send along my congratulations and good wishes.
>
> I do note, however, that your new journal is "The Homebrewer". You are
> immediately catering to a subset (albeit a reasonably large one) of
> QRPers. Especially in the day and age of the FT-817, IC-703, et al the
> majority of QRPers, like the majority of all hams, do not homebrew
> equipment. Your new name, The American QRP Club, is very inclusive.
> Your journal is, in some way, exclusive.
>
> That is not a criticism, but rather an observation. My assumption,
> though, is that you are not really going to add any value to my QRP
> activities since I do not homebrew equipment. I don't see why I would
> want to joining the new organization. Am I wrong in my assumptions?
>
> 72,
> Caity
> KU4QD
```

--
See my web page: <http://www.k7on.com>

Date: Fri, 6 Jun 2003 21:59:40 +0100
From: <G0BPS@clara.co.uk>
To: <dale@botkin.org>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [151963] Re: Altoids Breath Strip Tin
Message-ID: <00e501c32c6f\$ad8ff2b0\$f94d08c3@main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Imagine a standard crystal sticking out the top!!!

Dick Pascoe G BPS

Vice President QRP-ARCI.
SSB & Data manager G-QRP Club

All mail from me is checked by Norton
before posting and is (hopefully) Virus Free.

----- Original Message -----

From: "Dale Botkin" <dale@botkin.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, June 06, 2003 3:44 AM
Subject: RE: Altoids Breath Strip Tin

> On Thu, 5 Jun 2003, Tom wrote:

>

> > Well I actually bought some of those about a month ago and looking at
the

> > tin I can't believe you could get anything in it. Of course now that I
make

> > that statement someone will and then I'll have to eat a little crow.

>

> I was thinking about building a memory keyer into it (battery and all),
> but it would of course have to be SMT. Biggest problem I see is its taper
> toward one end, and the fact that there's really no place at all to put
> any reasonable sort of connector. You'd end up with a wiring dongle
> bigger than the project, which seems a bit over the top even for me. But
> then I hate cables.

>

> One could doubtless cram some sort of transmitter into one. Cut a
> U-shaped slot in the top to use it "cricket-style" as a thumb-actuated
> straight key, but again you've got a lot more stuff that would be far
> larger, like power, antenna, ground, etc.

>

> 72,

> Dale - N0XAS

> --

> It's a thankless job, but I've got a lot of Karma to burn off.

> Get a PicoKeyer: <http://www.hamgadgets.com>

>

>

>

>

Date: Fri, 6 Jun 2003 17:16:26 EDT
From: ARDUJENSKI@aol.com

To: qrp-1@lehigh.edu
Subject: [151964] OHR QRP Classic?
Message-ID: <7a.41559ffd.2c125eaa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In the archives I have seen discussion of the QRP Classic which I believe is a 40/20m dual band radio. The only info on the internet I have found was in regard to current draw which was about 100ma Rx and 1.2 A Tx.

>From an educational perspective I was wondering if someone might point to a source of info or share some other data such as weight, bandwidths, and unique features. Is it basically similar to OHR-400 but dual band?

Thanks

Alan KB7MBI

Date: Fri, 6 Jun 2003 17:33:21 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <maxmoon@umn.edu>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [151965] Re: [151838] Antenna Analyzers
Message-ID: <001901c32c8c\$661a7780\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wait a minute. I haven't weighed in yet.

MFJ-259B: Just fine for antenna tweaking and measuring.

Some of its advanced features are pretty nice as well. Being able to measure/calculate Zo of some unknown coax jumpers came in handy.

Don't think I would trust the L & C measurements too far. OK for non-critical use, I guess.

I like the fact that it has a frequency counter input / mode. But don't like the fact that they cut you off with 100 Hz (I think) resolution. Also, you need an output limiter or clipper to prevent damage when using this function.

The instrument is also handy as a signal generator. But it's pretty drifty,

so don't expect to be able to stay dead on frequency. Maybe if you have an AC supply and let it warm up for a good while ...

In short, I line mine. One of the handiest contraptions I have in the shack.

72--Nick, WA5BDU

> Thanks to everybody who commented about their antenna analyzers--VERY
> helpful information!
> 72/73,
> Max, k0max
>

Date: Fri, 6 Jun 2003 22:44:32 +0100
From: "Juan Ferrari" <puntrad@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [151966] SuSE 8.2
Message-ID: <009e01c32c74\$d2733560\$70534b43@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I received today the CDs from Chuck. I'm planning in having them copied in the next few days so if anybody needs them just send me an e-mail and we will arrange the delivery.

72
Juan - KG4FSN

Date: Fri, 6 Jun 2003 18:13:41 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@lehigh.edu>
Subject: [151967] FS: Varactor Deal
Message-ID: <001a01c32c81\$557721e0\$89a854d1@6300us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got talked into buying some varactors today so thought I'd share the wealth.....and try to get some of my money back, not necessarily in that order! The deal is (18) MV2109's and (18) BB112's for \$5 including shipping.

The MV2109 crosses to ECG #614 - 33pf@ 4V; Cap. Ratio 3.2; VR = 30; IF = 200ma; PD= 280mw

The BB112 crosses to ECG #618 - 440pf @ 1.2V. & 22pf @ 8V; Cap. Ratio: 15.5; VR 12; Q=200@ 1V. It's referred to as an AM radio tuning diode, and I think also crosses to MVAM115.

I've got 24 packages to sell. Please email me before sending money to be sure I'm not out, then if you want to pay me by PayPal to this email address, that would be fine. If they don't go quickly, I'll probably list them on eBay.

Thanks,

Denny Payton, N9JXY
1305 Kiblinger Place
Auburn, IN 46706

Date: Fri, 6 Jun 2003 19:20:53 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <n6mm@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [151968] Re: How long the QRP ARCI has been around
Message-ID: <003201c32c9b\$6bf1af20\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That's really interesting about the old letter. Funny how things you read and heard you were a kid stick with you. I've always recalled a letter to QST from that time period that stuck with me and I can still quote parts of verbatim ...

The writer declared that "at any given time, there is just too much RF ricocheting around the globe" and, "I'm firmly convinced that a legal limit of 25 or 50 watts would bring a flowering of the amateur society that would flabbergast us all."

Such impassioned rhetoric in favor of such radical concept really impressed

me (age 13). Although I wasn't sold on the notion that the *legal* limit should be reduced, the letter did implant the notion of doing more with less.

72--Nick, WA5BDU

----- Original Message -----

From: "Harvey Hetland" <n6mm@arrl.net>

> As a supplement to the comments by Mike, WA8MCQ, the beginning of the
> QRP Amateur Radio Club was in the form of a letter by K6JSS that
> appeared in "Correspondence From Members" in the August, 1961 issue of
> QST, page 77

Date: Fri, 6 Jun 2003 19:51:06 -0400

From: Caitlyn Martin <ku4qd@earthlink.net>

To: qrp-1@lehigh.edu

Subject: [151969] Re: CW Selectivity. WAS: 4W3DX and receivers

Message-ID: <20030606195106.2eaaaac9.ku4qd@earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

On Fri, 06 Jun 2003 07:33:58 -0400

Al Scanandoah <k2zn@rochester.rr.com> wrote:

> My first rig was a borrowed HW-8; later, I moved up to a Century 21.
> The DC receivers pretty much forced me to learn how to make my brain
> do a lot of the filtering.

I still have a couple of vintage 40m CW direct conversion portables: a Mizuho DC-7X and a truly ancient, olive green Mizuho DC-7D. The latter was the rig with the single mini paddle built right on the front of the rig. I do use them occassionally, and it *is* fun to put them on the air and actually manage contacts. Sensitivity, particularly on the old DC-7D, isn't up to modern standards, which limits the number of signals some :) Seriously, though, I can only operate one of these rigs for a short while before it becomes very fatiguing to me. Again, my hearing has a lot to do with that.

FWIW, I just volunteered to be the late night CW op for Field Day for our club. The sad fact is that I'm probably one of the most qualified people in the club to do it. Most of the locals just don't do CW, period. I was one out of a total of two CW ops last year too. To those who want me to do more CW in a demanding environment: Field Day on 40

or 80 at night is pretty demanding, isn't it?

72/73,
Caity
KU4QD

Date: Fri, 06 Jun 2003 23:48:46 +0000
From: Larry Cahoon <lejek@erols.com>
To: brian@iquest.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [151970] Re: President Bush orders evaluation of Radio Spectrum
Message-ID: <5.1.0.14.0.20030606234144.00b11280@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The two relevant documents are

<http://www.whitehouse.gov/news/releases/2003/06/20030605-4.html>
and
<http://www.whitehouse.gov/news/releases/2003/06/20030605-5.html>

Better to read the details sometime than to rely on the media. From what I see it is a broad mandate to look at how the radio spectrum is used - a bit vague as well, but I sense an undercurrent that implies that the federal government is being asked to review its own use of the radio spectrum and become more efficient in its own right.

73 de Larry.....WD3P in MD
<http://www.wd3p.net/>

At 12:51 PM 6/6/2003 -0500, Brian Murrey wrote:

>While trying to remain calm, I still get a sick feeling in my gut.

>

>WASHINGTON (AP) President Bush ordered a broad review Thursday of how
>government and industry can better use radio airwaves, which are growing
>congested by signals from cell phones, wireless gadgets and the military.

>

>Bush directed the Commerce Department to lead the yearlong initiative and
>produce recommendations for legislation and other policy changes to promote
>more efficient use of airwaves.

Date: Fri, 6 Jun 2003 20:09:25 -0400
From: Caitlyn Martin <ku4qd@earthlink.net>
To: kf4yyd@adelphia.net
Cc: qrp-1@lehigh.edu
Subject: [151971] Re: Zero
Message-ID: <20030606200925.53216ac6.ku4qd@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Fri, 6 Jun 2003 13:41:12 -0400
"Tom" <kf4yyd@adelphia.net> wrote:

> That's funny when I did this all I got was a tilde mark.

Your NUM LOCK Needs to be on. It also has to be the numbers on your numeric keypad. The ones on the top of the main keyboard do NOT work. Again, this is Windows only, but your headers indicate you are using Outlook, so I assume Windows. Finally, it doesn't work with all fonts.

72,
Caity
KU4QD

Date: Fri, 6 Jun 2003 17:20:36 -0700 (PDT)
From: Lee Boulineau <n4mvl@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [151972] Re: Miracle Antenna
Message-ID: <20030607002036.21400.qmail@web21205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Pretty decent for receiving, has a tendency to act like a dummy load when transmitting. Go to www.hfpack.com and look over the results - I have looked over several antennas there and both the SuperAntenna products and the BuddiPole appear to be top-notch products!

73 de N4MVL

Lee

--- "Laurent C. Lafond" <aa1qj@earthlink.net> wrote:
> Does anyone have any comments re the Miracle
> Antenna, either good or bad?

>
> It would appear to me to be the answer to my prayers
> what with the
> relatively
> strict HOA that I am in.
>
> Laurent aa1qj
>
>

Do you Yahoo!?

Yahoo! Calendar - Free online calendar with sync to Outlook(TM).
<http://calendar.yahoo.com>

Date: Fri, 6 Jun 2003 19:40:21 -0500
From: "Harold Smith" <harold.smith1@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [151973] request for information, possibly OT
Message-ID: <022401c32c8d\$61618de0\$4409550c@tinker>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gentlefolk,

At Dayton this year I purchased, for what I felt was an excellent price, 2 Yeasu XF-117C filters. These are alleged to be the 500 Hz CW filter for the FT-100. However, I have not been able to find any particulars on them.

I don't own an FT100, or any other commercially built hf radio. I just thought I might use them in yet another homebrew effort. They are quite small, and will lend themselves to a very compact radio. So, does anyone out there know what the specs (center frequency and impedance) might be on these filters, or where I might find out? Email to Yeasu has gone unanswered.

Thanks in advance,

de KE6TI, Harold

Date: Fri, 06 Jun 2003 20:34:07 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [151974] Re: Altoids Breath Strip Tin
Message-ID: <5.1.1.6.1.20030606203128.00b1ebc8@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I wonder if the dinky cylindrical crystals from Expanded Spectrum Systems would fit. They're only 3 mm in diameter.

<<http://www.expandedspectrumsystems.com/prod4.html>>

Dave

At 09:59 PM 6/6/2003 +0100, you wrote:
>Imagine a standard crystal sticking out the top!!!

Dave Hinerman
WD8CIV@att.net

Date: Fri, 6 Jun 2003 20:56:15 -0400
From: "AI2Q" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [151975] RE: Antenna Analyzers
Message-ID: <001b01c32c8f\$99930340\$7e01a8c0@CHIPCENTERSF>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Permit me to throw my 2-cents in here.

Last week I got to use N2RI's \$200 Autek to adjust my quarter wave feeders for my quadrature-fed phased verticals. When measuring impedance of the open 1/4-wave sections (series-tuned, low-Z) with the Autek, the reading was very low, as expected. However, adjusting the fine tuning control on the Autek's oscillator resulted in no change in the impedance reading because there wasn't enough resolution displayed. That is, the single digit showing Z wouldn't change while I was altering the frequency up and down. The digit finally jumped, and that left me with having to "muscle interpolate" the results. That's not good at all. I was disappointed.

The unit did give me reasonable readings for self-impedance however, and did

show the sign of the j operator. It also converted nicely from rectangular into polar formats, but that's just a math function. My \$12 light-powered TI scientific calculator, with its R>P and P>R keys does the same thing (but better).

Maybe I better go back to my ancient General Radio 1606-A impedance bridge, excited by my MIL-surplus URM-25 signal generator, and null-detected with a Sony ICF-7600 portable shortwave receiver. After all, lugging all this stuff out to the antenna farm, and trailing an AC feeder to boot, isn't *too* cumbersome and bulky, right? ; -)

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Nick Kennedy
Sent: Friday, June 06, 2003 8:33 PM
To: Low Power Amateur Radio Discussion
Subject: Re: [151838] Antenna Analyzers

Wait a minute. I haven't weighed in yet.

MFJ-259B: Just fine for antenna tweaking and measuring.

Some of its advanced features are pretty nice as well. Being able to measure/calculate Zo of some unknown coax jumpers came in handy.

Don't think I would trust the L & C measurements too far. OK for non-critical use, I guess.

I like the fact that it has a frequency counter input / mode. But don't like the fact that they cut you off with 100 Hz (I think) resolution. Also, you need an output limiter or clipper to prevent damage when using this function.

The instrument is also handy as a signal generator. But it's pretty drifty, so don't expect to be able to stay dead on frequency. Maybe if you have an AC supply and let it warm up for a good while ...

In short, I line mine. One of the handiest contraptions I have in the

shack.

72--Nick, WA5BDU

> Thanks to everybody who commented about their antenna analyzers--VERY
> helpful information!
> 72/73,
> Max, k0max
>

Date: Fri, 6 Jun 2003 18:43:15 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [151976] Addendum to NorCal Keyer Manuals for first kits
Message-ID: <011d01c32c96\$2bfccc10\$1fdbd7a8@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I printed the manual for the NorCal Keyer kits last Saturday night at 11:00 PM after kitting all day. Naturally, I was tired, and naturally, I made a mistake. I forgot to put the schematic and parts list in the manual. Got the wrong file. Here is the parts list which you may use along with the silkscreen on the board to build your keyer. We will have a pdf of the corrected manual up on the AmQRP web site soon. Sorry for the inconvenience.

C1 = .01uF Blue mono cap marked 103
C2 = .01uF Blue mono cap marked 103
C3 = .01uF Blue mono cap marked 103
C4 = .01uF Brown poly cap marked 103
C5 = .01uF Blue mono cap marked 103
C6 = .1uF Blue mono cap marked 104
C7 = .1uF Blue mono cap marked 104
R1 = 4.7K yellow purple red 1/4W resistor
R2 = 1K Brown Black Red 1/4W resistor
R3 = 10K Brown Black Orange 1/4W resistor
R4 = 100K Brown Black Yellow 1/4W resistor
Q1 = PN2222A
U1 = 12F629 Pic chip (8 pin DIP)
U2 = 78L05 voltage regulator.

Off board parts = SP1 Small piezo speaker, Switch, PB NO
Parts not included but needed: 100K Linear Pot for speed control,
Stereo jack for paddles, Mono jack for output, 9V Battery if desired

Thanks Doug

Date: Fri, 6 Jun 2003 20:05:04 -0700 (PDT)
From: <genewill@ordata.com>
To: <qrp-l@Lehigh.EDU>
Subject: [151977] Lightweight AC cords?
Message-ID: <14749.207.189.187.10.1054955104.squirrel@apache.willamette.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Many small power supplies come with a detachable AC cord ... the same one that's standard on IBM/clone computers. There are QRP power supplies that weigh less and occupy less volume than the cord alone. Is there such a thing as a "lightweight" cord for low-amperage use, or are those banned by UL?

73 Gene N7YW

Date: Fri, 06 Jun 2003 22:14:33 -0500
From: Monty N5ESE <n5ese@io.com>
To: kd1jv@moose.ncia.net, qrp-l@Lehigh.edu
Subject: [151978] AT-SPRINT: Alternate Mod and kudos
Message-ID: <5.2.0.9.1.20030606215515.00a215a0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang!

To those still building the KD1JV AT-Sprint or even if you're just interested in DDS technology and its application to receiver technology, check out my "alternate" mod to Steve's DDS power mod. On my AT-Sprint web page, it's listed under Mod 3:

<http://www.dit-dididit-dit.com/atsprint.htm>

By the way, I am having an absolute ball with the AT-Sprint in the

field. I have maybe 20 hours on it now, in portable ops on all 3 bands. While it's not the most convenient transceiver to operate, it's definitely the smallest and most efficient. I'm getting 5 to 5-1/2 hours of casual operating from a 9.6 Volt NiMH battery pack that's about the same size as the Altoids tin the AT-Sprint is packaged in. The NorCal BLT tuner looks like a giant next to it. I can pack an afternoon's field trip (xcvr, battery, paddles, earplugs, fishing line, throwing weight, 60 ft longwire, and 3-band 6-radial counterpoise) into a Walkman-CD carry bag I got from Radio Shack for \$2.97 off the clearance table HIHI. Is this fun or what? And no sacrifice in power: at 9.6 Volts, I'm running 3.5 watts on all bands!

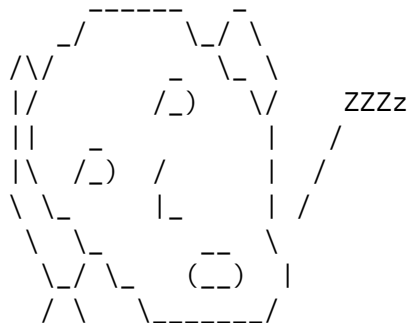
I know some people get miffed by Steve's "limited" one-time kits, but I say, if it frees him up to come out with the next gizmo, don't change a doggoned thing, Steve! I have had more fun building his kits than I ever thought possible, and the AT-Sprint tops 'em all! A loud and hearty and public THANKS to Steve "Melt Solder" Weber for his continued contribution to the QRP and homebrewing community! Check his web page often (can't wait for what's up his sleeve next):

<http://www.qsl.net/kd1jv/>

72,
monty N5ESE

'Not all Texans are crazy ... some are just plain LOCO ...'
(and you know the one I'm talking about ;-)

Monty Northrup, N5ESE (ex-N5FC)
Austin, Texas
e-mail: n5ese@io.com
web page (ham): <http://www.dit-dididit-dit.com>
web page (home): <http://www.io.com/~maddog>



Date: Fri, 6 Jun 2003 23:00:18 -0500
From: "George, W5YR" <w5yr@att.net>
To: <ai2q@adelphia.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [151979] Re: Antenna Analyzers
Message-ID: <02bc01c32ca9\$549e1fd0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Alex, find yourself an AEA CIA-HF analyzer and solve most of your problems.
Mine worked so well, I sold Greg Ordy W8WWV my 1606-A and haven't looked
back

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

> Maybe I better go back to my ancient General Radio 1606-A impedance
bridge,
> excited by my MIL-surplus URM-25 signal generator, and null-detected with
a
> Sony ICF-7600 portable shortwave receiver. After all, lugging all this
stuff
> out to the antenna farm, and trailing an AC feeder to boot, isn't *too*
> cumbersome and bulky, right? ; -)

>

> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687

> <http://users.adelphia.net/~alexmm/ai2q.htm>

>

> .-.-.

>

>

>

>

>

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of

> Nick Kennedy

> Sent: Friday, June 06, 2003 8:33 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: [151838] Antenna Analyzers

>

>

> Wait a minute. I haven't weighed in yet.

>

> MFJ-259B: Just fine for antenna tweaking and measuring.
>
> Some of its advanced features are pretty nice as well. Being able to
> measure/calculate Zo of some unknown coax jumpers came in handy.
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> Don't think I would trust the L & C measurements too far. OK for
> non-critical use, I guess.
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> I like the fact that it has a frequency counter input / mode. But don't
> like the fact that they cut you off with 100 Hz (I think) resolution.
Also,
> you need an output limiter or clipper to prevent damage when using this
> function.
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> The instrument is also handy as a signal generator. But it's pretty
drifty,
> so don't expect to be able to stay dead on frequency. Maybe if you have
an
> AC supply and let it warm up for a good while ...
>
> In short, I line mine. One of the handiest contraptions I have in the
> shack.
>
> 72--Nick, WA5BDU
>
>
>
> > Thanks to everybody who commented about their antenna analyzers--VERY
> > helpful information!
> > 72/73,
> > Max, k0max
> >
>

Date: Sat, 07 Jun 2003 03:31:39 -0500
From: "Don Ginter" <kc2ck@mail.com>
To: w5usj@9plus.net, qrp-1@Lehigh.EDU
Subject: [151980] Re: Alt Key Plus Chr's
Message-ID: <20030607083139.9993.qmail@mail.com>
Content-Type: text/plain; charset="iso-8859-1"
Content-Disposition: inline
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

SRI fo bw but email to chuck bounce.

Chuck, Please send a copy of file to kc2ck@mail.com
Thanks
Don

----- Original Message -----

From: Chuck Carpenter <w5usj@9plus.net>
Date: Fri, 06 Jun 2003 13:09:12 -0500
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: Alt Key Plus Chr's

> Folks,
>
> I have an MSWord file that lists many characters you can get with Alt+0130
> to 0255. Great for dressing up your QRP QSL cards... [g]
>
> Includes 0149 , 0163 , 0165 , 0169 , 0177 , 0181 , 0216 and lots
> more. Includes the foreign letter characters and diphthongs like
> (alt+0198).
>
> I can send it as an attachment to anyone who'd like it (NAV checked).
>
> PS -- when I took C B L programming (19xx), the slash "0" was used to
> differentiate from a zero 0.
>
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
> Zombie #759, COG #11, 6 Club #201, FP #601 <http://www.netxqrp.org>

--

Sign-up for your own FREE Personalized E-mail at Mail.com
<http://www.mail.com/?sr=signup>

Date: Sat, 7 Jun 2003 07:27:10 -0400 (EDT)
From: Chris Cartwright <ccart@phideaux.com>
To: QRPL List <qrp-l@lehigh.edu>
Subject: [151981] FD and the lonely CW ops
Message-ID: <Pine.LNX.4.33.0306070650090.15725-1000000@dns.phideaux.com.>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Jun 2003, Caitlyn Martin wrote:

> The sad fact is that I'm probably one of the most qualified
> people in the club to do it. Most of the locals just don't do CW,
> period. I was one out of a total of two CW ops last year too.

I'd have to second this, but there is sometimes a bright side to it. Last year I was "the" (as in "the" only) CW op in a club effort. There were about seven SSB ops and me. It was the only local FD effort I could find, and on short notice, they took me in.

After scoring about 30% of the points with CW, I was made an annual honorary June club member :) This wasn't because I'm an "uber-CW OP", but because digital modes worth twice as many points as voice modes. Points seem to get peoples attention. After FD I had to lend out my MFJ Code Tutor and a few paddles and keyers for folks to practice, about half of them wanted to learn or re-learn CW.

I've since joined the W3EOC CCARS club, and this year there will be many more CW ops, and they've reminded me to bring my solar power QRP gear for the bonus points. I'm also hoping to meet some folks from this list for the first time on Field Day. It will be the inaugural run for a class F effort by the group. So, sometimes a little CW goes a long way.

I doubt I will ever talk them into an all QRP effort, but I have to confess that after running mostly QRP all year, going to FD with 100W makes it like fishing at a hatchery at feeding time! Everyone can hear you :) So listen for "W3EOC 5F EPA" on 80M thru A0-40, as long as I can get my satellite stuff to fly (pun intended) in the next three weeks...

72

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Sat, 7 Jun 2003 06:21:52 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <fkking@oregonvos.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [151982] Re: Zero
Message-ID: <00a201c32cef\$60f9dee0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

ALT-216 is not a zero with a slash through it, it is a Latin capital letter O with a stroke through it. The consequence of using ALT-216 in call signs is that they won't sort correctly, in lists of call signs. It can also be difficult to search for them.

The best solution is to use a font face designed with a slash through ASCII character zero. Several are available at:

<http://www.qsl.net/wa6axe/fonts.html>

73, Rod NØRC

----- Original Message -----

From: "Frank" <fkking@oregonvos.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, June 06, 2003 9:24 AM

Subject: Zero

> How do I get the (/) through the zero? I forgot - another senior moment!

>

> 72

> Frank King

> AA7XA

>

>

Date: Sat, 7 Jun 2003 07:36:10 -0500

From: "Dennis Payton" <dpayton@fwi.com>

To: <qrp-1@Lehigh.EDU>

Subject: [151983] Re: FS: Varactor Deal

Message-ID: <02b101c32cf1\$82e322d0\$89a854d1@6300us>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The varactors are all spoken for.

Att'n Brice - My email to you bounces. Please email your snail mail address and head \$5 my way.

Thanks!

Denny Payton, N9JXY
1305 Kiblinger Place
Auburn, IN 46706

Date: Sat, 7 Jun 2003 08:51:05 -0400
From: "Rex Harper" <w1rex@megalink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [151984] WARNING: dangerous post...SUBJECT: moon illusion don't miss...
Message-ID: <002101c32cf3\$76665980\$943ca43f@stickfarmers>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

ATTENTION QRP GANGUE,

ED TANTON, (N4XY), made a post on moon illusion - don't miss...etc.

DO NOT CHECK OUT THE PROVIDED LINK! IF YOU VALUE YOUR LIFE, STAY AWAY....
STAY FAR, FAR AWAY!

For someone like me who keeps a copy of the book "Exploring space with a camera" within arms reach of my computer, I just had to check it out. Let me put it another way: I ****HAVE**** to ship a pivotal product for our company to a customer in California by 5:00 pm on Saturday and I foolishly checked out his link!! Fortunately for me, my rescue dog poked her beezee into the home office about 3 hours later and dragged me out of this "crack in the space-time continuum" (sorry Capt. Kirk).

Seriously, what a great link!!!!!!!!!!!!!!!!!!!!!!

<<http://eol.jsc.nasa.gov/>>

If you do a bunch of clicking on the map page, you can get to the map square that contains ANY place of interest in the WORLD. Another click, and NASA is searching for ALL the available pictures online that pertain to this square. And ANY one of these is just a couple of clicks away. In my case, after

scanning 386 images, I have many FANTASTIC space shots of my lake, town, city, etc. now residing on my hard drive. Just for chuckles, I will add one to the Lobstercon site so that any, "Airheads", "Space Cowboys", Aliens or UFOs can readily find the site. Regular QRPers might check it out just for general interest on the topology of the region and to see what kind of imagery is "up there" at the NASA site.

Thanks for the post Ed!!!

72,

W1REX Rex Harper "The Tinman"

<snipage>

>

>Space Station Science Picture of the Day for June 6, 2003

>

>Astronauts onboard the ISS have seen some strange moons lately: red moons, >squashed moons, vanishing moons. Last month science officer Ed Lu >photographed perhaps the strangest scene of all--the moon floating inside >Earth's atmosphere.

>

>PICTURE AND INFO at

>

>http://science.nasa.gov/ppod/y2003/06jun_moonset2.htm?list839287

>

>

>This is a free service.

>

>

>Home page: <http://science.nasa.gov>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY

189 Pioneer Trail

Marietta, GA 30068-3466

Date: Sat, 7 Jun 2003 09:23:15 -0400

From: "carl seyersdahl" <carlseye@tampabay.rr.com>

To: <rod@n0rc.us>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [151985] Re: Zero
Message-ID: <007301c32cf7\$f45bb160\$2e2c2041@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, all: In refence to this "zero" business I dug out some old QSL cards of my sk brother, Mel (rip) some of them have the round "o" and some have the elongated "zero" all with the "slash" mark thru them. It would seem that there was no "standard" way back when , or today for that matter.!!!

carl / kz5ca

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, June 07, 2003 8:21 AM
Subject: Re: Zero

> Gang,
>
> ALT-216 is not a zero with a slash through it, it is a Latin capital
> letter O with a stroke though it. The consequence of using ALT-216 in
> call signs is that they won't sort correctly, in lists of call signs. It
> can also be difficult to search for them.

>
> The best solution is to use a font face designed with a slash through
> ASCII character zero. Several are available at:

>
> <http://www.qsl.net/wa6axe/fonts.html>

>
> 73, Rod N0RC

>
>
> ----- Original Message -----

> From: "Frank" <fking@oregonvos.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Friday, June 06, 2003 9:24 AM
> Subject: Zero

>
>
> > How do I get the (/) through the zero? I forgot - another senior
> moment!

> >
> > 72
> > Frank King
> > AA7XA
> >

> >
>
>
>

Date: Sat, 7 Jun 2003 09:29:21 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <ku4qd@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [151986] Re:FD CW, WAS CW Selectivity. WAS: 4W3DX and receivers
Message-ID: <003c01c32d11\$f398fed0\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

80 and 40 on FD night. Pure torture!

Well actually, 40 is where all the points are from 10 PM till 7 AM, and if the QRN isn't too bad, you may add another 50 to 100 valuable Q's on 80 too.

I've played that role of CW Hired Gun on FD several times ("Have Paddle; Will Travel"), and it's really gratifying. It's great to be a celebrity for 24 hours after being just another geek for the other 364 days. Have fun with it!

72--Nick, WA5BDU

----- Original Message -----

From: "Caitlyn Martin" <ku4qd@earthlink.net>

>
> FWIW, I just volunteered to be the late night CW op for Field Day for
> our club. The sad fact is that I'm probably one of the most qualified
> people in the club to do it. Most of the locals just don't do CW,
> period. I was one out of a total of two CW ops last year too. To those
> who want me to do more CW in a demanding environment: Field Day on 40
> or 80 at night is pretty demanding, isn't it?

Date: Sat, 7 Jun 2003 07:42:06 -0600

From: "Rod N0RC" <rod@n0rc.us>
To: "carl seyersdahl" <carlseye@tampabay.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [151987] Re: Zero
Message-ID: <000501c32cfa\$968dafa0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Carl, et.al.

The shape of the "oh", elongated or otherwise is simply a "font face" style issue. Have a look at:

<http://www.fonts.com/>

Or, due a seach of "font face" in google.

73, Rod N0RC "will melt solder for a DSW-II"

----- Original Message -----

From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <rod@n0rc.us>; "Low Power Amateur Radio Discussion"
<qrp-1@Lehigh.EDU>
Sent: Saturday, June 07, 2003 7:23 AM
Subject: Re: Zero

> Hi, all: In refence to this "zero" business I dug out some old QSL
cards of
> my sk brother, Mel (rip) some of them have the round "o" and some
have the
> elongated "zero" all with the "slash" mark thru them. It would seem
that
> there was no "standard" way back when , or today for that matter.!!!
> carl / kz5ca
...

Date: Sat, 07 Jun 2003 10:11:29 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-1@lehigh.edu

Subject: [151988] Re: FD and the lonely CW ops
Message-ID: <3EE1F291.257D495C@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That's really too bad. Here in WNY, all of the groups I've operated FD with over the years have gone 50-50 with CW, some even more heavily weighted in the CW direction.

I've tried talking the guys at work into an all-QRP effort, but it goes against the grain of most of them, who have QRO mindsets.

72 - Al, K2ZN

Date: Sat, 7 Jun 2003 09:13:08 -0500
From: "Dave Sjolín" <sjolin@swbell.net>
To: "Qrp-l Reflector" <qrp-l@Lehigh.EDU>
Subject: [151989] Summer Fox Hunt Week #2 : N3BJ and N0IT
Message-ID: <095a01c32cfe\$ed3c4050\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Although temperatures have been chilly all week in the Mid West, the Summer fox hunts have begun and all you QRP ops are invited to join Alan, N3BJ and I, N0IT for week two of the hunt.

The website for this contest is here:

<http://www.cqc.org/fox/index.htm>

The hunt is on Sunday June 8, from 2200-2329Z. It's a new (and shorter!) time slot, and will result in, hopefully, better conditions for all.

This Sunday, Alan, N3BJ, and yours truly will be the Foxii. One of us will be below 14.060, one above (probably me). Usually we'll be 2-3 kHz above/below, allowing for QRM, however if you don't spot us look at least +/- 10 kHz from 14.060.

We'll be working split at the beginning of the hunt, that is, we'll be listening to Hounds from 1-3 kHz above our frequencies (sometimes below). Hounds should take note of this, and try to avoid transmitting much closer to the Fox than 1 kHz. As the piles dwindle, we will probably revert to

listening on our own frequency or at least closer to it.

As Foxii, we will call "CQ FOX," or "QRZ FOX," or some such. Hounds should then send their call, listen, and resend in a few seconds if the Fox doesn't start working someone.

The Fox will usually send the Hound's call at the beginning and end of his transmission, as: "W1AW TU 559 MO DAVE 5W W1AW BK," after which the Hound will reply sort of like this, "W1AW 559 CT HIRAM 5W BK." The Fox will then acknowledge, or ask for fills. An acknowledgement may be something like, "TU," or "TU E E," etc. Then, the Hounds may once again begin baying out their calls. If the Fox does need to ask for any fills, no other Hound should transmit until the Fox acknowledges he's got it all.

Please send all your info only once; the Fox will ask for fills if necessary.

Besides being just a huge amount of fun, the Hunts allow us to learn and perfect our operating skills. As in all ham radio, and especially in QRP ops, the chiefest skill is listening. If you listen, you'll know when it's time to send your call, and when it's not. If you're not sure what's going on, or what the Fox is doing, don't send your call in hopes you'll get lucky...you wouldn't know if you did, anyway!

I'll be using my Kenwood TS-940S into an Cushcraft R5 up about 15' so need to wait for me to turn the beam to your area.

There may well be a Truffle, handed out by a Flying Pig, for the 15 minutes prior to the start of each Hunt, which gives a chance to warm up your keys and ears. The rules for hunting Truffles are similar, except tthe Truffle will be sending his Flying Pig number, rather than his power. See details at:

<http://www.fpqrp.com/pighunt2.html>

Good luck, happy hunting, and...have fun!!!

73 de Dave, N0IT
St. Louis, Missouri

Date: Sat, 7 Jun 2003 07:40:42 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>

To: <qrp-1@lehigh.edu>
Subject: [151990] Re: request for information, possibly OT
Message-ID: <MABBJOEABOILMKCJCLFCIEIOEHAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Harold
I found this on <http://www.mshepp.com/yaesu.htm>

New for the FT-100D: XF-117C 500 Hz, 8-Pole Crystal Filter (CW)
For superb selectivity during CW operation.

73, Bob N6WG

Date: Sat, 7 Jun 2003 07:40:41 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [151991] Re: CW Selectivity. WAS: 4W3DX and receivers
Message-ID: <MABBJOEABOILMKCJCLFCGEIOEHAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Caity
I never considered the night shift on 40 cw to be demanding. The hardest part for me was managing some sleep time, after a heavy day of putting up antenna masts and antennas in somewhat rough terrain. Just plain tired by nightfall.

Actually, the night shift is fun, because that's when you can reach out and work all kinds of states that you don't even hear during the day.

Just plan ahead, and it won't be so bad. Enjoy.
Good luck and 73,
Bob n6WG

Date: Sat, 07 Jun 2003 08:41:27 -0600
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: aa1qj@earthlink.net
Cc: QRP-L <qrp-1@lehigh.edu>

Subject: [151992] Re: Miracle Antenna
Message-ID: <BB0755B7.8128%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Laurent - The Miracle Whip is expensive, \$129.95 last time I checked, and doesn't work very well, 10 dB down from a full size vertical on 20 M.

I am sure that others will direct you to the results of the HFPack Antenna Shootout:

<<http://www.hfpack.com/>>

The Miracle Whip measured 10.56 dB down from a full size quarter wave vertical. Both antennas were operated against a single quarter wave counterpoise. I suspect that the counterpoise contributed more to the radiation than did the Miracle Whip.

A better choice is the PAC-12C by James Bennet, KA5DVS. You can build it for a fraction of the cost of the Miracle whip and it will have performance that is only a dB or so (measured at 0.83 dB) down from the full size quarter wave vertical. Best of all you can build it yourself from commonly available parts:

<<http://www.njqrp.org/pac-12/>>

Others have mentioned W6MMA's MP-1 as an alternate to the Miracle Whip. It works much better, but it is relatively expensive. The Hamstick and similar atyle mobile antennas are also viable antennas

You should realise that short verticals are inefficient without a good ground. The radiation resistance decreases as the antenna is shortened and as a result the ground reistance contributes proportionally more to losses. You will need to operate the antenna against a good ground, but that is a topic for another post. I recommend 8-one eighth wave long radials to start with.

If you cannot provide a good ground, you might be happier with a portable shortened dipole. You can use two PAC-12Cs back to back for this. The Buddipole has been built by a number of people on this list with reasonable success:

<http://www.qsl.net/w3ff/antenna_design.htm>

It too can be built from common material.

I hope that this helps. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Sun, 8 Jun 2003 00:24:17 +1000
From: "aberkuta" <aberkuta@shoal.net.au>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [151993] Frequency mite shorting pins
Message-ID: <01bd01c32d05\$6b23caa0\$a08eddcdb@aberkuta>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi

I have pulled my SW80 out of storage to use and want to re-install Dave's frequency mite for audio frequency readout.

Having misplaced the notes, would anybody have a copy of the section of the notes where Dave refers to the shorting pins to set the off-set for the IF?

Thanks

Alex VK2KR

Date: Sat, 07 Jun 2003 10:20:48 -0500
From: "Michael Moreeth" <n9ogc@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [151994] Re: Miracle Antenna
Message-ID: <BAY8-F42YXifWoqFXfy0005b9f3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

You can make contacts with the MW. The difference between the MP-1 and the MW is about one and one-half S-Units. This is hellacious to some and trivial to others.

A hamstick-style mobile whip and a mag-mount works well. Two mobile whips and a dipole mount will put you in DX. Your propagation may vary.

Michael, N90GC
<http://groups.msn.com/N90GC>

Protect your PC - get McAfee.com VirusScan Online
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

Date: Sat, 07 Jun 2003 09:23:06 -0600
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: ARDUJENSKI@aol.com
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [151995] Re: OHR QRP Classic
Message-ID: <BB075F79.812F%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Alan - I have an OHR Classic (also called the 20-40). It is a nice rig with an excellent receiver. The double balanced diode mixer front end is robust and the audio is clean and quiet. It makes for an easy to operate low noise rig.

The rig is large, about the same size and weight as the OHR 400. It is a bit on the large and heavy side for backpacking, but it is a very nice portable rig otherwise. It has very little in the way of bells and whistles other than a built in Curtis Keyer and RIT. The receive current draw is higher than a 602 based rig, the K-1 draws 70 mA, but on the low side for a rig with its excellent receive performance, the K-2 draws 200 mA or so.

I run mine all day on a 7 AH Gel cell, and it will go forever with the cell charged by a solar panel.

The rig is not perfect. The AGC cannot be defeated and the internal keyer has no internal memories. The VFO drifts more than it should, particularly outside where the temperature can vary considerably. This is not a problem inside at constant temperature or with short contacts as in a contest. It drifts a lot less than my HQ-170 does, so this is all relative.

This is a good rig for group operations, as there are few controls, all are single function, and all are clearly labeled and intuitive. For the same reasons, and because it has a reverse polarity protection diode, it is a good rig to loan to someone who wants a taste of QRP without investing in a qrp rig.

OHR did not make many of these, as they were expensive relative to the single band rigs of the day. So they are not all that common. One could buy two single band qrp rigs for less than the price of the OHR Classic. With the introduction of the K-2 their value dropped and they can be picked up relatively inexpensively these days. I recall one going for \$125 recently, and at that price they are a good value. The K-1 and Sierra might be classed as alternatives in this class. It will be cheaper than the K-1, have better receiver performance and be easier to operate, but be missing some bells and whistles as well as the other band options. Same with the Sierra, but these too have come down significantly in price with the introduction of the K-1. The Sierra is definitely backpackable.

The circuitry is well thought out and designed. It is not a simple rig inside by any means. I do not know if Marshall still supports these now that he owns OHR or not, but mine has been reliable, despite operating into mismatched loads and reverse polarity power applied.

I hope that this helps. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Sat, 7 Jun 2003 11:43:02 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <aberkuta@shoal.net.au>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [151996] Re: Frequency mite shorting pins
Message-ID: <000c01c32d24\$a190cd80\$ba744b43@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Alex-

On their way by separate e-mail- 73, Dave

>>Having misplaced the notes, would anybody have a copy of the section of the notes where Dave refers to the shorting pins to set the off-set for the IF?

Thanks

Alex VK2KR

<<

Date: Sat, 07 Jun 2003 10:06:01 -0600
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: SUpton@ALLEGROMICRO.com
Cc: qrp-1@lehigh.edu
Subject: [151997] Re: SLA Batteries
Message-ID: <BB076989.8137%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Shawn - You can get a rough idea of your battery's capacity by measuring how long it takes to discharge with a known load.

An easy way to do this is with a 12 V light bulb. Pick one that is near C/20, where C is the "Amp Hour Rating" on the battery. For a 7 AH battery, use a "12 V" bulb rated at 350 mA. The handbook has a table of lamp properties. A type 57 draws 240 mA and should be acceptable. Radio Shack has a lot of different types of miniature lamps and your auto supply store will have some for larger currents.

Fully charge the battery (13.8 volts) and then measure the time to fully discharge (say to 10.5 to 11 Volts) under load. Multiply the time to discharge by the current drawn to get the Amp hour rating. If this is near what is on the battery, it is good. Due to a number of factors, even new batteries seldom will put out their full amp hour rating. Depending on how you charge the battery, a "good" one should have 70 % or more of the rated amp hour rating. You can use one that has a lower amp hour rating, just make sure that you don't plan on getting the full capacity out of it. You might want to do this over several charge-discharge cycles to see if you get any improvement.

I hope that this helps. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Sat, 7 Jun 2003 12:40:46 -0400
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [151998] Summer Fox Hunt Week #2 : N3BJ and N0IT
Message-ID: <Law9-0E23BGrhUaCxys00032e08@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I echo Dave's comments and I will be below 14.060, probably around 058.5 or 059.0 listening up 1 to 2 to begin the Hunt. Once the crowd thins, I will be listening on my frequency.

Rig here will be K2 #78 and the mountain dipoles.

Good luck to all and CU tomorrow !

Alan, N3BJ
Bent Mountain, VA

----- Original Message -----

From: "Dave Sjolín" <sjolin@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, June 07, 2003 10:13 AM
Subject: Summer Fox Hunt Week #2 : N3BJ and N0IT

> Although temperatures have been chilly all week in the Mid West, the
Summer
> fox hunts have begun and all you
> QRP ops are invited to join Alan, N3BJ and I, N0IT for week two of the
hunt.
>
> The website for this contest is here:
>
> <http://www.cqc.org/fox/index.htm>
>
> The hunt is on Sunday June 8, from 2200-2329Z. It's a new (and shorter!)
> time slot, and will result in,
> hopefully, better conditions for all.
>
> This Sunday, Alan, N3BJ, and yours truly will be the Foxii. One of us
will
> be below 14.060, one above (probably me). Usually we'll be 2-3 kHz
> above/below, allowing for QRM, however if you don't spot us look at least
> +/- 10 khz from 14.060.
>
> We'll be working split at the beginning of the hunt, that is, we'll be
> listening to Hounds from 1-3 kHz above our frequencies (sometimes below).
> Hounds should take note of this, and try to avoid transmitting much closer

> to the Fox than 1 kHz. As the piles dwindle, we will probably revert to
> listening on our own frequency or at least closer to it.
>
> As Foxii, we will call "CQ FOX," or "QRZ FOX," or some such. Hounds should
> then send their call, listen, and
> resend in a few seconds if the Fox doesn't start working someone.
>
> The Fox will usually send the Hound's call at the beginning and end of his
> transmission, as: "W1AW TU 559 MO DAVE 5W W1AW BK," after which the Hound
> will reply sort of like this, "W1AW 559 CT HIRAM 5W BK." The Fox will then
> acknowledge, or ask for fills. An acknowledgement may be something like,
> "TU,"
> or "TU E E," etc. Then, the Hounds may once again begin baying out their
> calls. If the Fox does need to ask for any fills, no other Hound should
> transmit until the Fox acknowledges he's got it all.
>
> Please send all your info only once; the Fox will ask for fills if
> necessary.
>
> Besides being just a huge amount of fun, the Hunts allow us to learn and
> perfect our operating skills. As in all ham radio, and especially in QRP
> ops, the chiefest skill is listening. If you listen, you'll know when it's
> time to send your call, and when it's not. If you're not sure what's going
> on, or what the Fox is doing, don't send your call in hopes you'll get
> lucky...you wouldn't know if you did, anyway!
>
> I'll be using my Kenwood TS-940S into an Cushcraft R5 up about 15' so
need
> to wait for me to turn the beam to your area.
>
> There may well be a Truffle, handed out by a Flying Pig, for the 15
minutes
> prior to the start of each Hunt, which gives a chance to warm up your keys
> and ears. The rules for hunting Truffles are similar, except tthe Truffle
> will be sending his Flying Pig number, rather than his power. See details
> at:
>
> <http://www.fpqrp.com/pighunt2.html>
>
> Good luck, happy hunting, and...have fun!!!
>
> 73 de Dave, N0IT
> St. Louis, Missouri
>
>
>
>

Date: Sat, 07 Jun 2003 10:58:19 -0600
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: n9ogc@hotmail.com
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [151999] Re: Miracle Antenna
Message-ID: <BB0775CB.8143%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

What difference does 10 dB make?

A CW signal 10 dB above the noise is armchair copy.

One 5 dB above the noise is pretty easy copy.

Most hams can copy CW at the noise level with some difficulty.

An experienced CW operator can copy CW at a few dB below the noise level.

So 10 dB can make the difference between an armchair QSO and a difficult one, and between an impossible QSO and an easy one.

On receive you lose 10 dB sensitivity right off the bat. This may be not be a problem on 40 M, but on 20 M and higher, you will start losing weak signals. On 10 M you will lose a lot of signals, weak or otherwise.

There doesn't seem to be much reason to give away 10 dB when there are alternates that only give away 1 dB that cost less, irrespective of the one and a half S units. On 20 M and higher you will work good signals on a good antenna that you will not even hear on the Miracle Whip.- Dr. Megacycle
KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Sat, 7 Jun 2003 13:00:03 -0400
From: "Tom" <kf4yyd@adelphia.net>
To: "Owner-Glowbugs" <glowbugs@piobaire.mines.uidaho.edu>,
"Flying Pig" <fpqrp-l@fpqrp.com>, "qrp-l" <qrp-l@lehigh.edu>
Subject: [152000] Switch Thanks
Message-ID: <EIEBLEILGEEGMLHGHOAGOEAMCHAA.kf4yyd@adelphia.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All, thanks for switch info, I'm looking over my options.

73, de Tom kf4yyd Fredericksburg Virginia

Date: Sat, 7 Jun 2003 09:58:58 -0700
From: <tlogan7@cox.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [152001] Argosy I (525) Tx amp drain - comp tables?
Message-ID: <000601c32d16\$16a5c940\$97f26a44@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

TenTec literature says the 525 requires a 9 amp PS. I cannot find anything that expresses a relative measure of the current requirements for transmitting at 5 watts. Does anyone have a comparative source for more info on Tx current drain/battery life for most of the current QRP rigs. Elecraft's comp chart does not talk about Tx drain - only receive. Could you please copy me direct since I get the reflector in digest mode? Thanks folks - any input is appreciated.

Date: Sat, 7 Jun 2003 13:03:44 -0400
From: "Tom" <kf4yyd@adelphia.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [152002] Zero Thanks
Message-ID: <EIEBLEILGEEGMLHGHOAGGEANCHAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While I didn't start the thread I did have trouble getting it to work. There was way too many replies for me to thank individually, so here is a group thanks.

BTW I was apparently dyslexic as I was using ALT + 0126 not ALT + 0216

73, de Tom kf4yyd Fredericksburg Virginia

SW-40+/ZM-2/E1 Cheapo Straight Key
IDHACWID QRP Club #1

Date: Sat, 07 Jun 2003 13:03:03 -0400
From: Joseph Mikuckis <k3chp@rcn.com>
To: QRP-L Mailing List <qrp-l@lehigh.edu>
Subject: [152003] Six Meters
Message-ID: <3EE21AC7.F994E345@rcn.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ladies and gentlemen, check six meters! The band is starting to show signs of life. Yesterday it was open to Europe and parts of USA in the afternoon. I worked a bunch of southeastern stations and Canada with 5 watts and attic Halo antenna.

Date: Sat, 07 Jun 2003 12:47:17 -0500
From: "John Burnley" <jburnley@ifmc.org>
To: <qrp-l@lehigh.edu>
Message-ID: <see1deeb.036@iaweb02.ifmc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

The fun begins next weekend at the Hamboree in Sioux City, Iowa. The Iowa QRP Club is pleased to announce the following forums to be held at the Hamboree in Sioux City, Iowa on Saturday June 14, 2003. Brian Kassel (K7RE), Jim Duffey (KK6MC), and Jerry Hall (W0PWE) will be our featured speakers. Brian's session will be 'Wire Antennas For Cheapskates'. Dr. Megacycle's presentation will be 'SWR - A Graphical Representation' and Jerry will present 'Micro-controller applications

for Amateur Radio'. Our thanks to these club members for their continued support of our QRP activities and efforts to spread the good word about low power operating. All three are great speakers and I look forward to attending the sessions.

The IAQRP Club kicks off our activities with the annual building event to be held Friday June 13, 2003 at 4:00PM. The building event provides an opportunity for interested individuals to purchase a low cost kit and assemble it during the session. We will have plenty of Elmers available to help the less experienced and provide guidance to those who hit

a snag. This year we are featuring the Power/Inverter Guard kit from our good friends down south - the North Georgia QRP Club (NoGa). I've had the pleasure of spending Field Day with these great QRP'ers and I had a blast (plus enjoyed some good ole' southern hospitality). Our thanks to Pickett AD4S and Joe W4JHR who helped us coordinate the kits. More info about this fun kit may be found at <http://www.nogaqrp.org/> .

More information about the Hamboree may be found at www.3900club.com . Just click on the Hamboree 2003 link. I look forward to seeing you all there!

72/73, John NU0V

Date: Sat, 07 Jun 2003 14:04:29 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: tlogan7@cox.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [152005] Re: Argosy I (525) Tx amp drain - comp tables?
Message-ID: <3EE2292D.214EB616@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just checked my 525 - it's about 1.7A or a bit less for 5w out on most bands. That's with the rear panel switch in the L0 position.

Al, K2ZN

tlogan7@cox.net wrote:

>
> TenTec literature says the 525 requires a 9 amp PS. I cannot find anything
> that expresses a relative measure of the current requirements for
> transmitting at 5 watts. Does anyone have a comparative source for more info
> on Tx current drain/battery life for most of the current QRP rigs.
> Elecraft's comp chart does not talk about Tx drain - only receive. Could you
> please copy me direct since I get the reflector in digest mode? Thanks
> folks - any input is appreciated.

Date: Sat, 07 Jun 2003 14:18:11 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [152006] Re: Six Meters
Message-ID: <3EE22C63.9C4A3EF8@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nothing heard in FN13 yet... perhaps all the area big guns consumed the
region's ether allotment.

Al, K2ZN

Joseph Mikuckis wrote:

>
> Ladies and gentlemen, check six meters! The band is starting to show
> signs of life. Yesterday it was open to Europe and parts of USA in the
> afternoon. I worked a bunch of southeastern stations and Canada with 5
> watts and attic Halo antenna.

Date: Sat, 07 Jun 2003 16:03:55 -0400
From: Jim Eshleman <jce0@Lehigh.EDU>
To: qrp-l@Lehigh.EDU
Subject: [152007] Telephone Area Code Contest (TAC) June 7, 2003
Message-ID: <3EE2452B.8080709@Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

[From Ron WB3AAL]

The Sixth Annual QRP TAC Sprint

**** New Category - Classic QRP Rigs ****

Sponsored by The Eastern PA QRP Club

Date = Saturday, June 7, 2003

Time = 1800 to 2359 UTC

MODE = CW only

DEADLINE FOR SUBMISSION IS 12 JULY 2003.

WINNERS ANNOUNCED ON 31 JULY 2003.

Exchange = Call, RST, Name, State, and TAC (Telephone Area Code)
or DX Area Code.

Pennsylvania stations will send an "X" after their Area Code, example 610x.

Check out www.n3epa.org/ for more details.

72 & Good DX

Ron de N3EPA

El Presidente'

n3epa@fast.net

www.n3epa.org

Date: Sat, 7 Jun 2003 15:52:05 -0400

From: "Emmerson Bigguns" <n8ie@woh.rr.com>

To: "QRP-1" <qrp-1@lehigh.edu>

Subject: [152008] RE: Six Meters

Message-ID: <MMEDLKDLONJOAIGICDJAGEFHEGAA.n8ie@woh.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

A few sigs here in EM79. But the band is very unstable, Q's have to be fast
and short or QSB kills yah.

72, oo

Dan, N8IE

FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Al Scanandoah

Sent: Saturday, June 07, 2003 2:18 PM

To: Low Power Amateur Radio Discussion

Subject: Re: Six Meters

Nothing heard in FN13 yet... perhaps all the area big guns consumed the region's ether allotment.

Al, K2ZN

Joseph Mikuckis wrote:

>

> Ladies and gentlemen, check six meters! The band is starting to show
> signs of life. Yesterday it was open to Europe and parts of USA in the
> afternoon. I worked a bunch of southeastern stations and Canada with 5
> watts and attic Halo antenna.

Incoming mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.488 / Virus Database: 287 - Release Date: 6/5/2003

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.488 / Virus Database: 287 - Release Date: 6/5/2003

Date: Sat, 7 Jun 2003 16:06:47 -0400

From: "Emmerson Bigguns" <n8ie@woh.rr.com>

To: "QRP-1" <qrp-1@lehigh.edu>

Subject: [152009] FYI my 6M setup

Message-ID: <MMEDLKDLONJOAIGICDJAOFHEGAA.n8ie@woh.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

BTW, for you sixers.....

My 6M station is an Icom IC-551 (10W all mode model), a converted 5/8 CB antenna, and RG-58X coax.

I bought everything this year at Hamvention for under \$200.00! :-)

72, oo

Dan, N8IE

FPqrp #-6, QRP-1 #1404, FISTS #4985

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.488 / Virus Database: 287 - Release Date: 6/5/2003

Date: Sat, 7 Jun 2003 16:40:21 -0400
From: "Nils R. Young" <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [152010] Youngster in the hobby & the learning curve for exams
Message-ID: <20030607.164044.-291549.5.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

We ate dinner at one of those MSG places last night. You know the deal: it's good food, all things considered, but they lace everything with monosodium glutamate. Well, MSG puts my cardiovascular system on hyperdrive. I can't sleep from being jagged up into a very rapid pulse rate. It like keeps me awake, see?

But I got up this morning at 7 a.m. and drank a huge cup of Arvid Nordquist with a shot of amaretto, ate two pieces of toast and stopped at the post office to glom a copy of my license. Then I went over to an old church in Beavercreek to take the Extra exam.

One of the folks there for to take the Tech license was a youngster about twelve-years old. He was very optimistic, but he didn't get enough questions right to pass. You could see he was let down. So I gave him my list of other test sites for the next couple months what I'd downloaded from the ARRL site. I told him he could try the eHam.net on-line tests to practice more, since I thought it was better to just take the test and then find out what you'd done wrong at the end, score and all. (The QRZ.com tests give you immediate feedback on the answers, one at a time. It's ok, I guess, but it distracts me from the next question.)

Then I came home, found that the copy of Bonzo Dog Band "Urban Spaceman" CD that I'd ordered had arrived. Then I took a nap. I got up two hours later -- didn't sleep any better, having ate for lunch the leftovers of what kept me awake last night -- and mowed the lawn.

Mowin' the lawn is good contemplative therapy.

It's a pity that we don't have an entry level ham radio deal that gives kids like the one I met today a chance to see how things work so they can connect the answers on the flash cards and books & CDs and VHS tapes to

things that really happen with radio stuff. Kinda like being able to get a bench job at Drake back when I could see the parts and my hands didn't shake. I learned a lot from just pokin' around inside those radios every day, discovering what happens if the wrong resistor gets nailed in place.

I'm sure the questions on the Tech test that work that way. Kinda like the ones on the Extra where you have to have a degree in physics to figure out what the heck they're trying to fool you on.

After I mowed the lawn I came inside and thought about this email.

73

Nils

. . . yeah, I passed . . . and the Bonzo Dog Band CD is as outrageous today as it was in 1968 when I found it in the record bin at the PX in Puerto Rico . . . which is another story . . . "shoodle-a-bee, shoodle-a-wasp, shoodle-a-waw-waw-waw . . . " Now where's that Lord Dave Such album?

Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
-- <http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull>
--

"The island is closer than your memories are." -- Ian G. Bull Young, 15 Feb 2002

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Date: Sat, 7 Jun 2003 14:00:35 -0700 (PDT)
From: Garie Halstead <khyberpass65@yahoo.com>
To: n8ie@woh.rr.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [152011] RE: Six Meters
Message-ID: <20030607210035.8778.qmail@web80507.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Emmerson Bigguns <n8ie@woh.rr.com> wrote:

> A few sigs here in EM79. But the band is very unstable, Q's have to
> be fast
> and short or QSB kills yah.

Unstable but different directions involved. It was open this AM to the Gulf states and the W5VAS/bcn in New Orleans (EM40) was in here for a couple of hours. Then the band shifted to the midwest and we started hearing stations in KS. Shortly after that, I hear the W1RA/bcn in Cape Cod (FN41wq) at 579. It's been a wild day on the Magic Band.

72, Gary -K8KFJ-
West Virginia [EM98]

Do you Yahoo!?
Yahoo! Calendar - Free online calendar with sync to Outlook(TM).
<http://calendar.yahoo.com>

Date: Sat, 7 Jun 2003 17:02:23 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [152012] FT-7 mods
Message-ID: <20030607.170247.15190.0.kc8aon@juno.com>

Gang,

I found a mod on the net mentioned to make the noise blanker more effective in the Yaesu FT-7 radio. The only thing mentioned was the changes made as per the FT-7B noise blanker board, but cannot find any other info. Does anyone have a copy of the Yaesu FT-7B noise blanker schematic they can scan and email to me? If so, please email it to: kc8nxx@juno.com Please don't reply to this address, because it's an email only account and will not receive attachments, but the email address above will.

Thanks in advance !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX
QRP-L #2112, FPqrp #33, AR QRP #269
QRP'ers DEPEND ON SKILL - NOT RAW POWER !

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 7 Jun 2003 17:09:05 -0400
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [152013] F.S. K1 with accessories
Message-ID: <004701c32d39\$07442c80\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

Time to build something new so am placing my like-new K1 up
for sale. The rig comes with the built-in antenna tuner and
the accessory operating bracket(s) kit.

Will sell for \$425 plus shipping.

73, Joe W2KJ
North Carolina

Date: Sat, 7 Jun 2003 14:20:03 -0700 (PDT)
From: Bob cutter <ki0g@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [152014] RUFZ CW software
Message-ID: <20030607212003.79310.qmail@web40711.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Take a look at the RUFZ CW program by DL4MM at
www.sk3bg.se/contest/rufz.html. It is a most elegant
program that sends actual ham calls for you to copy
against the clock and yourself. The speed varies with
your success and many other features.

I have really enjoyed the program and it has done
wonders for my copy speed.

And it is free.

72, Bob KI0G

Do you Yahoo!?

Yahoo! Calendar - Free online calendar with sync to Outlook(TM).

<http://calendar.yahoo.com>

Date: Sat, 07 Jun 2003 16:24:27 -0500

From: Chuck Carpenter <w5usj@9plus.net>

To: n8ie@woh.rr.com,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [152015] Re: FYI my 6M setup

Message-ID: <3.0.2.32.20030607162427.008ae440@mail.9plus.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Dan,

Sounds good except for the RG-58. I'd change that as soon as you can to something in the 9913 catagory or better. You didn't mention how long the RG-58 run is but that stuff is real LOSSY on 6 meters. Also I only mention 9913 as a category of cable. The stuff has a tendency to get water in it if you're not real careful.

My 6 meter setup for several years include a Kenwood TS-670 quad bander running 8 Watts out to a 4 element beam. Worked lots of stations and some on the other end were using verticals like you, TV antennas, 40 meter dipoles (7th harmonic), long wires, short wires and all manner of other antennas. Truly the magic band.

>BTW, for you sixers.....

>My 6M station is an Icom IC-551 (10W all mode model), a converted 5/8 CB
>antenna, and RG-58X coax.

>

>I bought everything this year at Hamvention for under \$200.00! :-)

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1

QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57

Zombie #759, COG #11, 6 Club #201, FP #601 <http://www.netxqrp.org>

Date: Sat, 7 Jun 2003 17:30:43 -0400

From: "Mark Fancher" <mfancher@fuse.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [152016] Re: RUFZ CW software

Message-ID: <003301c32d3c\$0d7d29a0\$522a860a@m3i7j5>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I use CW type for sending CW . . . sometimes. Are there any other programs out there I should consider?

Mark, AA4MF

----- Original Message -----

From: "Bob cutter" <ki0g@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, June 07, 2003 5:20 PM

Subject: RUFZ CW software

> Take a look at the RUFZ CW program by DL4MM at
> www.sk3bg.se/contest/rufz.html. It is a most elegant
> program that sends actual ham calls for you to copy
> against the clock and yourself. The speed varies with
> your success and many other features.
>
> I have really enjoyed the program and it has done
> wonders for my copy speed.
>
> And it is free.
>
> 72, Bob KI0G
>
> -----
> Do you Yahoo!?
> Yahoo! Calendar - Free online calendar with sync to Outlook(TM).
> <http://calendar.yahoo.com>
>

Date: Sat, 7 Jun 2003 22:52:48 +0100
From: <G0BPS@clara.co.uk>
To: <nilsbull@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [152017] Re: Youngster in the hobby & the learning curve for exams
Message-ID: <006901c32d3f\$3eb90bd0\$af4e08c3@main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

.
> . . . yeah, I passed . . .

Hey Great.... Well done

>and the Bonzo Dog Band CD is as outrageous

Well, they're actually the Bonzo Dog Doo Dah Band

^^^^^^

Can't have you missing out all that Doo Dah now...

> today as it was in 1968 when I found it in the record bin at the PX in
> Puerto Rico . . . which is another story . . . "shoodle-a-bee,

> shoodle-a-wasp, shoodle-a-waw-waw-waw . . . " Now where's that Lord Dave
> Such album?

'Lord Such' unfortunately died a couple of years ago A real 'Nutter' in the
nicest sense

he made music and then went mad !!!!!

He tried to get elected to the UK Parliament several times and failed. Hey

.....

better to have tried and failed than never to have tried.....

Saw you at Dayton Niles ... were you awake ???

TTFN de Dick G0BPS

End of QRP-L Digest 2944
